



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - NOVEMBER 2022



Lab Name **LABXPERS TECHNOLOGIES**

Lab No **8178**

Constituent Group **Chemistry I**

Date of Result Entered : **13/11/2022**

PT item **Lyophilized Serum**

Date of Report Published : **06/12/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	210	320.04	6.46	20.68	337 mg/dL	0.82	2.85
2	UREA	Urease UV / GLDH	Mindray	237	56.85	5.98	3.40	59 mg/dL	0.63	0.44
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	340	3.91	9.29	0.36	3.12 mg/dL	-2.18	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	195	1.70	11.39	0.19	1.39 mg/dL	-1.61	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	232	5.51	5.97	0.33	6.6 g/dL	3.3	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	231	3.48	7.18	0.25	4 g/dL	2.08	0.03
7	CALCIUM	Arsenazo III	Mindray	189	9.95	8.62	0.86	9.6 mg/dL	-0.41	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	144	4.01	12.73	0.51	4.9 mg/dL	1.74	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	241	9.02	6.88	0.62	11.3 mg/dL	3.68	0.08
10	CHOLESTEROL	CHOD-PAP	Mindray	246	115.83	6.57	7.61	134 mg/dL	2.39	0.97
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	228	223.64	6.73	15.06	225 mg/dL	0.09	1.99
12	HDL	Direct method / Enzymatic colorimetric	Mindray	177	26.28	7.57	1.99	36 mg/dL	4.88	0.30
13	SODIUM	ISE - Indirect	Any Analyser	575	137.32	3.16	4.34	141 mmol/L	0.85	0.36
14	POTASSIUM	ISE - Indirect	Any Analyser	576	5.35	6.62	0.35	5.31 mmol/L	-0.11	0.03
15	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	216	160.01	7.64	12.22	146 U/L	-1.15	1.66
16	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	223	51.91	13.08	6.79	40 U/L	-1.75	0.91
17	ALP	PNP AMP kinetic	Mindray	147	154.65	13.97	21.61	217 U/L	2.89	3.56
18	AMYLASE	CNPG3	Agape	80	77.67	11.64	9.04	66 U/L	-1.29	2.02
19	MAGNESIUM	Xylidyl Blue	Mindray	19	1.46	15.04	0.22	2.3 mg/dL	3.82	0.10

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :**LABXPERS TECHNOLOGIES****SHOP NO E-14, G D A MARKET, PATEL NAGAR IIInd****GHAZIABAD****UTTAR PRADESH201001****Coordinator Contact Details:****Email: clinqc@cmcvellore.ac.in****Contact Number: 0416-2283102***Pamela Christudoss***Dr. Pamela Christudoss****CMC EQAS Coordinator****Christian Medical College, Vellore****Homogeneity and Stability of the sample is passed.****Data in CMC EQAS reports is confidential****CMC EQAS does not sub contract any components********* End of Report *******